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PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gill Examiner: Le, T
Serial No.: 10/628,956 Group Art Unit: 2818
Filed: July 29, 2003 Docket No. **HSJ920030125US2**
(HITG.050PA)
Title: METHODS INVOLVING A LOW RESISTANCE MAGNETIC TUNNEL
JUNCTION STRUCTURE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 18, 2004.

By: Kathleen McDevitt
Kathleen McDevitt

TRANSMITTAL

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are submitting herewith the following:

- ☒ Office Action Amendment and Response, pages 1-10.
- ☒ Transmittal Sheet
- ☒ 1 Return Postcard

Authorization is hereby given to charge any additional fees or credit any overpayments that may be deemed necessary to Deposit Account No. 50-0996 (HITG.050PA).

Respectfully submitted,

Crawford Maunu PLLC
1270 Northland Drive, Suite 390
St. Paul, Minnesota 55120
651-686-6633 (x116)

Date: May 18, 2004

By: David W. Lynch
David W. Lynch
Reg. No. 36,204



PATENT

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Kathleen McDevitt

AMENDMENT AND RESPONSE

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 18, 2004, reconsideration and allowance of the application are respectfully requested in view of the amendments to the claims and remarks below.

Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 8 of this paper.